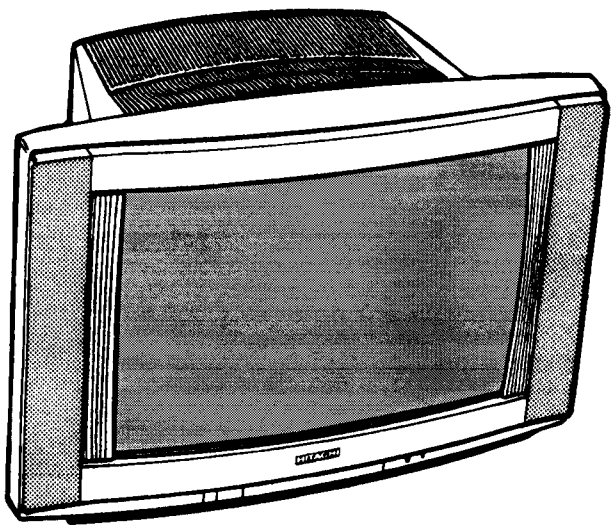
HITACHI

CL2146TAN CL2546TAN CL2846TAN CL2841TAN

MANUEL D'ENTRETIEN

ATTENTION:

Avant d'effectuer l'entretien courant de cet appareil, il est important que le technicien chargé de cette intervention lise au préalable les sections "Précautions concernant la sécurité" et "Avis concernant la sécurité du produit" qui se trouvent dans ce document.



SPECIFICATIONS TECHNIQUES

Normes de télévision .....625 lignes - normes BG/L
525 lignes - norme NTSC 4.43

Canaux .....VHF, UHF et câble

Impédance d'entrée d'antenne.....75Ω (sans équilibre)

Fréquences intermédiaires
- Luminance F.I.....38,9 MHz
- Son F.I.....33,4 MHz (BG)
  32,4 MHz (L)
- Chrominance F.I.....34,47 MHz
- Son F.M.....5,5 MHz
- Son A.M.....6,5 MHz
- Porteuse A2 .....5,74 MHz
- Porteuse NICAM.....5,85 MHz
- Sous-porteuse couleurs .....4,43 MHz

Sélecteurs de chaînes .....Boutons +/– de sélection de canaux avec télécommande de sélection de 60 chaînes

Consommation de courant .....CL2146TAN 72 W
CL2546TAN 103 W
CL2846TAN 105 W
CL2841TAN 105 W

Tube d'images .....CL2146TAN 51 cm
CL2546TAN 59 cm
CL2846TAN/CL2841TAN 66 cm

Tension secteur .....220 V 50 Hz

Fusible .....Type T3.15 AL

Mise au point .....électrostatique

Dimensions :

	CL2146TAN	CL2546TAN	CL2846TAN	CL2841TAN
Largeur	614 mm	700 mm	768 mm	768 mm
Hauteur	466 mm	520 mm	576 mm	576 mm
Profondeur	485 mm	466 mm	503 mm	503 mm
Poids	21 kg	27,5 kg	33,25 kg	33,25 kg

Etant donné qu'il s'agit d'un circuit de base, les valeurs des composants et des spécifications peuvent être améliorées à tout moment.

1995

REGLAGE DU CAG, DE L'ALIMENTATION ET DE LA GEOMETRIE

Ajustement du contrôle de gain automatique:

1. Allumez votre téléviseur. Laissez-le chauffer pendant au moins deux minutes.
2. Recevez un signal de -47 dBm.
3. Branchez un voltmètre sur la borne du contrôle de gain automatique du tuner de canaux, c'est-à-dire la borne positive de C105 broche 47 d'IC201.
4. Ajustez VR202 jusqu'à ce que le voltmètre affiche 4 V +/- 0,1 V.

Ajustement de HT:

1. Allumez votre téléviseur pour faire apparaître la mire d'essai circulaire Philips. Amenez les commandes de contraste et de luminosité sur leurs valeurs maximales.
2. Branchez un voltmètre sur la borne positive de C955 et sur la mise à la masse.
3. Réglez VR950 jusqu'à ce que le voltmètre affiche l'une des tensions suivantes:

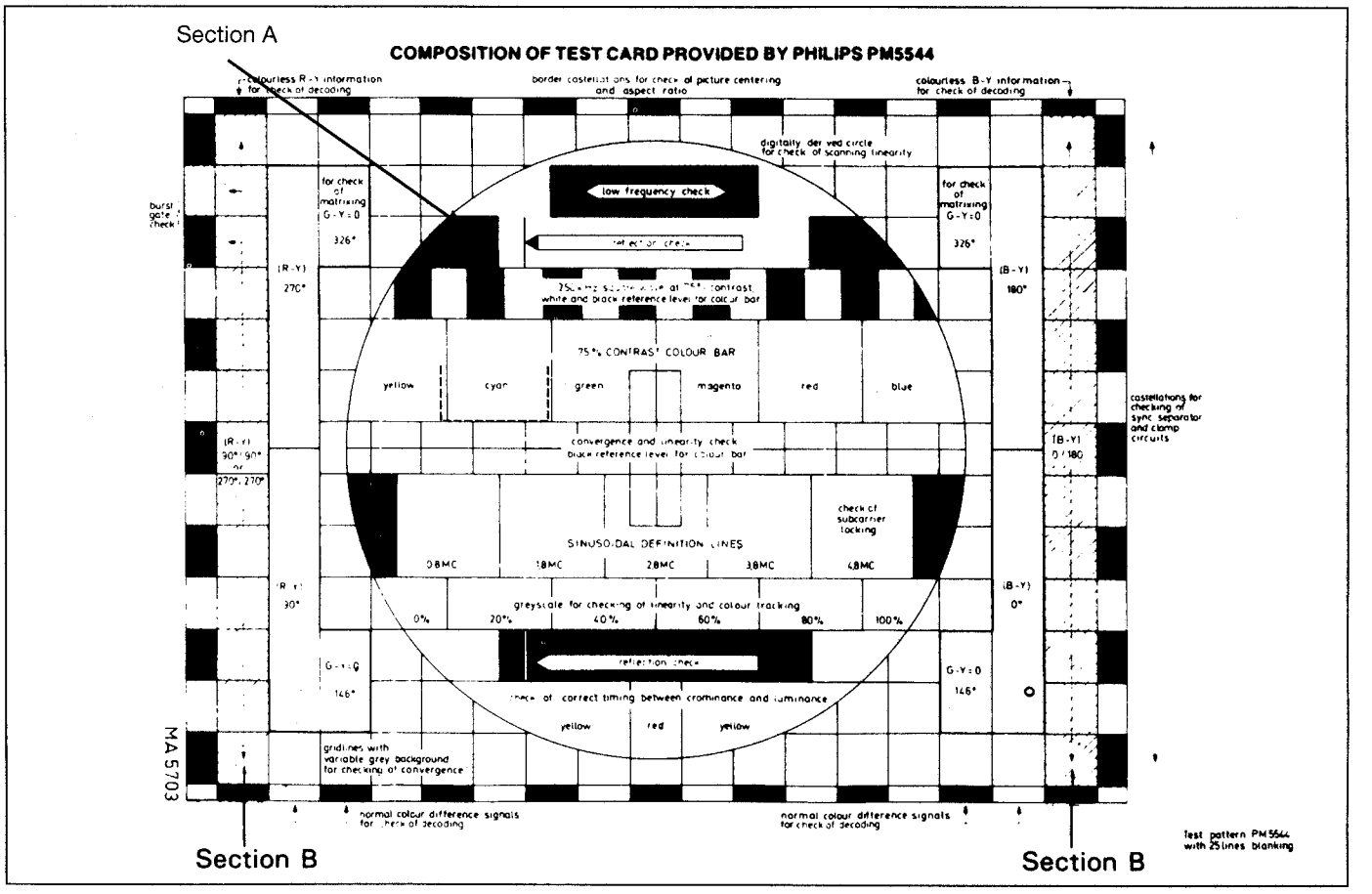
modèle CL2146TAN	110 V ± 0,2 V
modèles CL25/2846TAN	148 V ± 0,2 V
modèle CL2841TAN	148 V ± 0,2 V

Phase horizontale/amplitude verticale/amplitude horizontale:

1. Faites apparaître la mire d'essai circulaire Philips.
2. Amenez les commandes de luminosité et de contraste sur leurs valeurs maximales.
3. Ajustez VR701 pour bien centrer la mire.
4. Branchez le strap (E602) sur la broche qui permet d'obtenir la meilleure position centrale dans le plan vertical.
5. Ajustez VR601 pour obtenir la hauteur verticale requise.
6. Ramenez les commandes de luminosité et de contraste sur leurs niveaux précédents.
7. Ajustez VR751 afin de régler l'effet de coussin.
8. Ajustez VR752 pour régler l'amplitude horizontale.
   NOTA: les opérations des alinéas 7 et 8 ne s'appliquent pas au modèle CL2146TAN.

Réglage de la concentration:

1. Faites apparaître la mire d'essai circulaire Philips. Amenez la commande de couleurs sur sa valeur minimale et les commandes de contraste et de luminosité sur leurs valeurs maximales.
2. Réglez le contraste pour faire virer au noir les deux premières barres de l'affichage des couleurs.
3. Ajustez la luminosité afin que les troisième et quatrième barres de l'affichage de l'échelle des gris offrent le même niveau noir qu'à l'alinéa 2.
4. Ajustez la mise au point (commande supérieure du transformateur THT) afin d'obtenir la meilleure concentration possible.

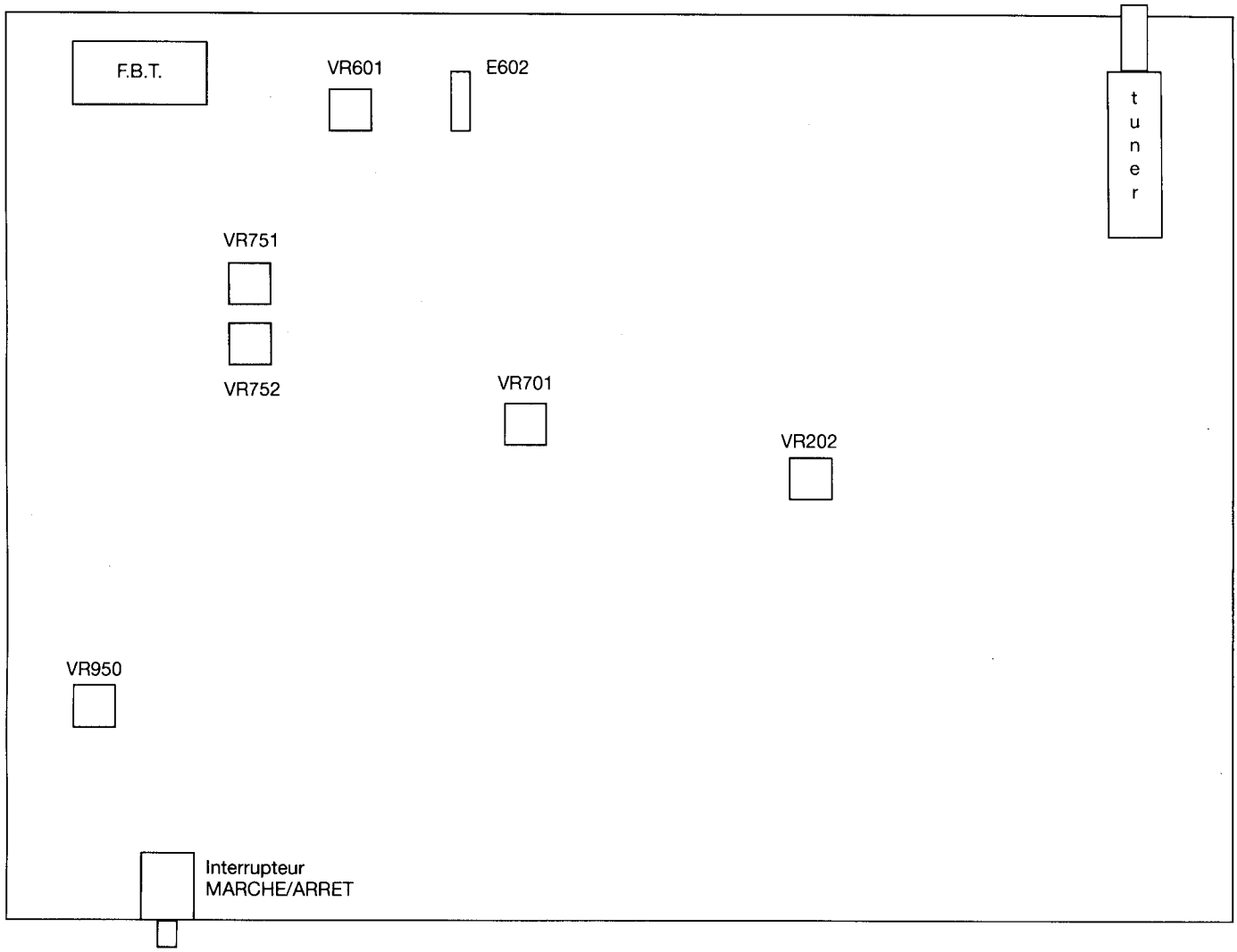


REGLAGE DES G2 ET ECHELLE DES GRIS

METHODE:

1. Reliez le téléviseur à un générateur de mire.
2. Réglez: contraste à 0
   couleur à 0
   lumière au milieu
3. Utilisez la mire de convergences (mire d'essai Philips).
4. Réglez le potentiomètre de G2 jusqu'à la limite de l'extinction complète des barres verticales et horizontales.
5. Réglez le niveau du contraste et lumière de façon à ce que les trois paliers de gauche soient éteints.
6. Branchez la sonde de l'oscillooscope sur la cathode verte sur le circuit imprimé du tube et réglez la distance ajustable (voie verte) sur ce même circuit pour que le niveau de noir de l'oscillogramme soit à 140 volts.
7. Réglez de la même façon les résistances ajustables de la voie rouge et de la voie bleu, toujours à 140 volts.
8. Retouchez éventuellement ces réglages pour parfaire la température de couleur.

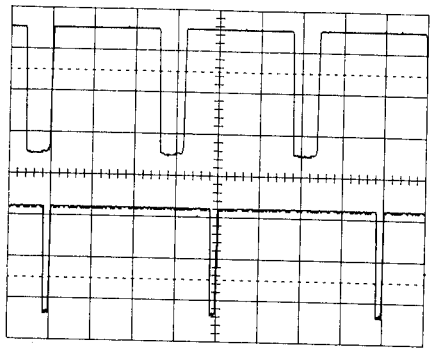
POSITION DES COMMANDES DE REGLAGE



OSCILLOGRAMMES

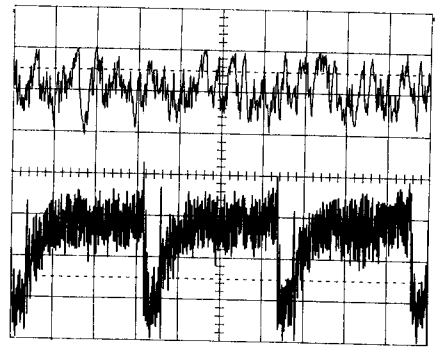
IC001 pin 26
6v0 p.p.
at 20µ sec

IC001 pin 27
5v0 p.p.
at 5m sec



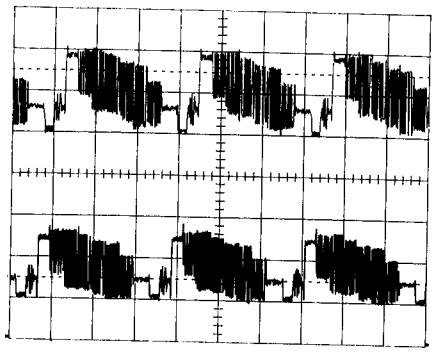
IC201 pin 1
4v0 p.p.
at 20µ sec

IC201 pin 5
42 mV p.p.
at 20µ sec

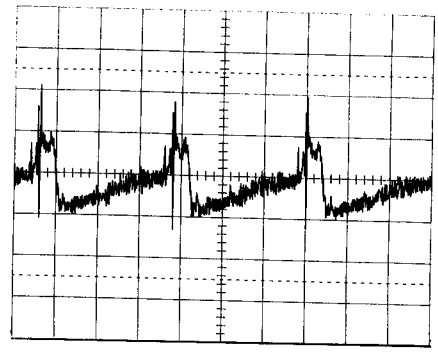


IC201 pin 7
2v0 p.p.
at 20µ sec

IC201 pin 13
1v8 p.p.
at 20µ sec



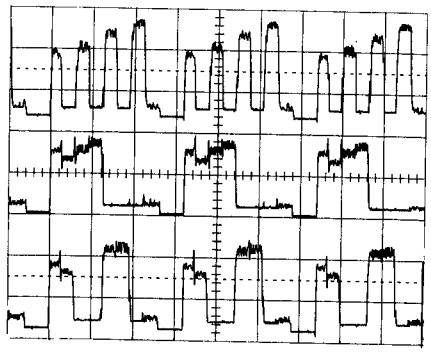
IC201 pin 16
170mV p.p.
at 20µ sec



IC201 pin 18
4v8 p.p.
at 20µ sec

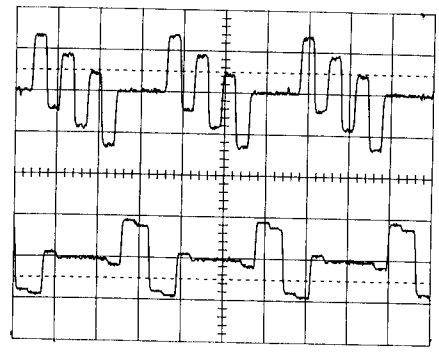
IC201 pin 19
4v0 p.p.
at 20µ sec

IC201 pin 20
4v4 p.p.
at 20µ sec



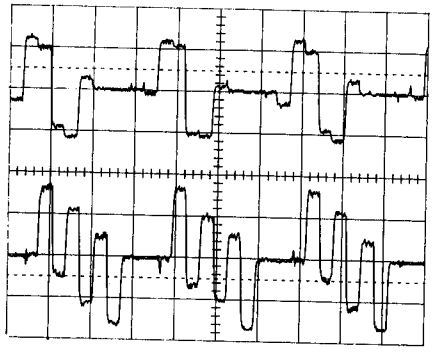
IC201 pin 28
1v4 p.p.
at 20µ sec

IC201 pin 29
0v9 p.p.
at 20µ sec



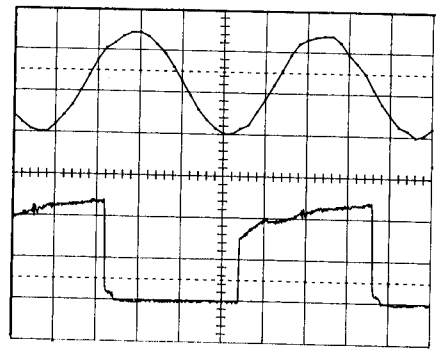
IC201 pin 30
0v5 p.p.
at 20µ sec

IC201 pin 31
0v68 p.p.
at 20µ sec



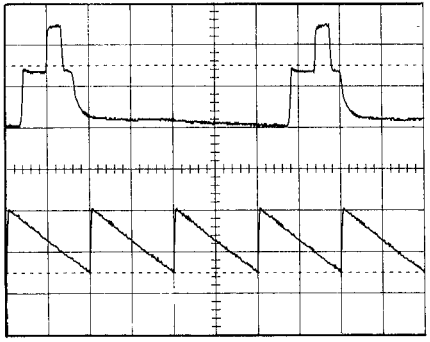
IC201 pin 32
0v24 p.p.
at 50µ sec

IC201 pin 37
2v4 p.p.
at 10µ sec



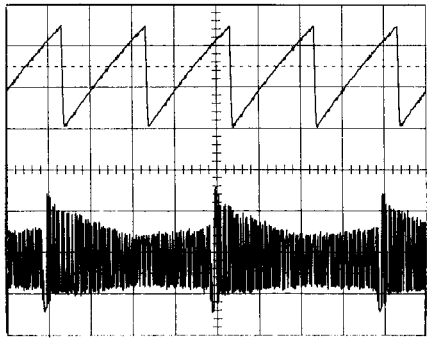
IC201 pin 38
5v0 p.p.
at 10µ sec

IC201 pin 41
0v75 p.p.
at 10m sec



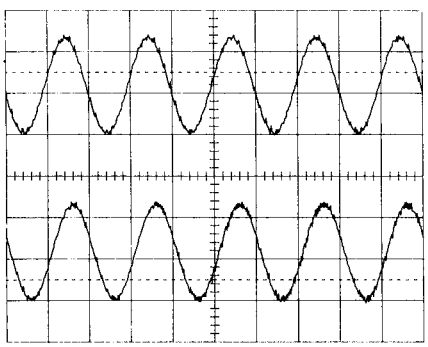
IC201 pin 42
1v25 p.p.
at 10m sec

IC201 pin 43
3v0 p.p.
at 5m sec



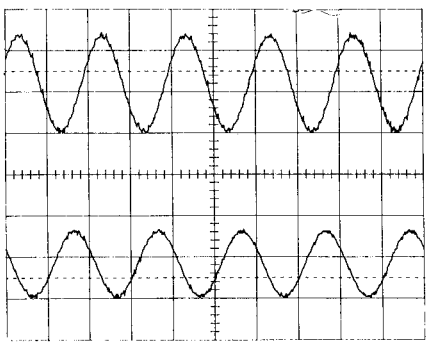
IC402 pins 3/5
1v2 p.p.
at 0.5m sec

IC402 pins 7/26
1v2 p.p.
at 0.5m sec



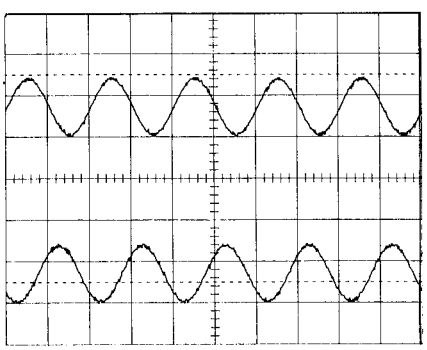
IC402 pins 9/24
1v2 p.p.
at 0.5m sec

IC402 pins 10/23
0v8 p.p.
at 0.5m sec

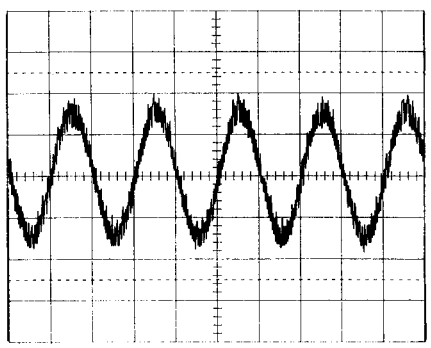


IC402 pin 15
0v7 p.p.
at 0.5m sec

IC402 pin 18
0v7 p.p.
at 0.5m sec

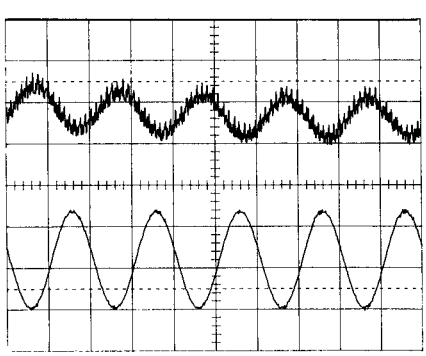


IC451 pins 7/8
0v76 p.p.
at 5m sec



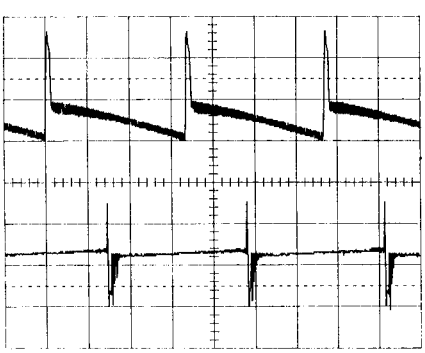
IC451 pins 9/10
0v8 p.p.
at 0.5m sec

IC451 pins 11/12
1v2 p.p.
at 0.5m sec

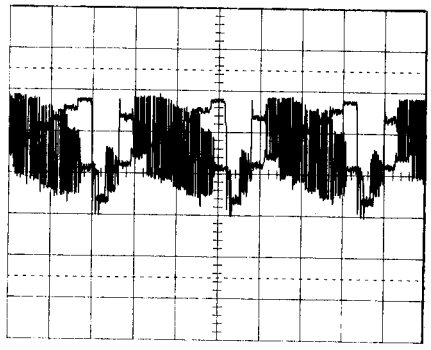


IC601 pin 2
52v p.p.
at 5m sec

IC601 pin 4
2v65 p.p.
at 5m sec

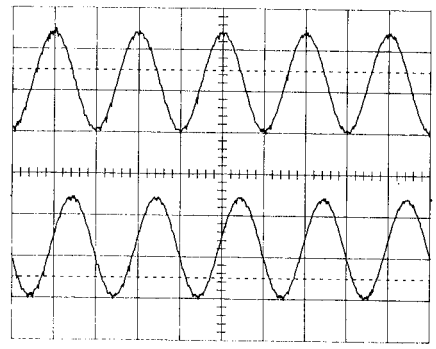


IC1401 pins 19/30
2v9 p.p.
at 20µ sec

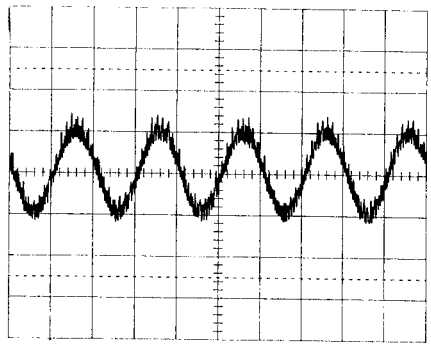


IC1401 pins 22/23
1v2 p.p.
at 0.5m sec

IC1401 pins 34/35
1v2 p.p.
at 0.5m sec



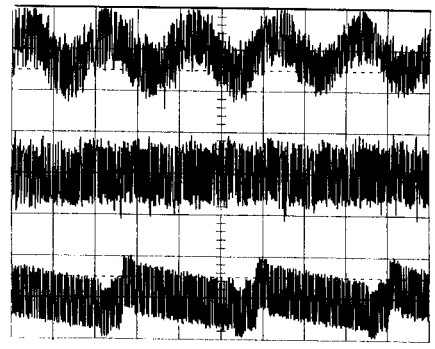
IC4001 pin 6
48mV p.p.
at 0.5m sec



IC4051 pin 9
2v4 p.p.
at 0.5m sec

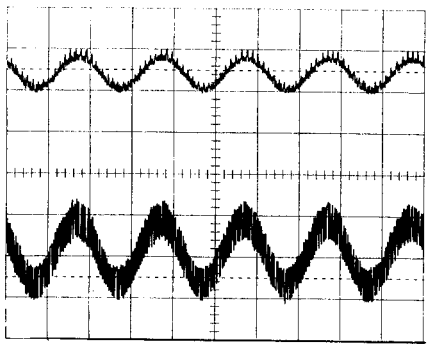
IC4051 pin 11
20mV p.p.
at 20µ sec

IC4051 pin 13
2v0 p.p.
at 20µ sec



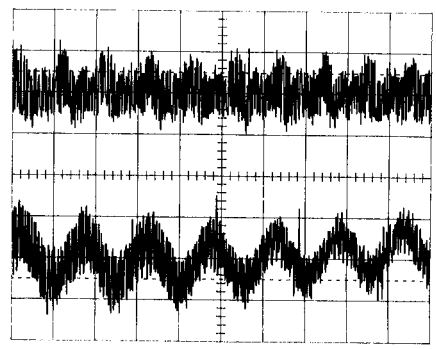
IC4051 pins 7/16
0v5 p.p.
at 0.5m sec

IC4051 pins 8/15
1v2 p.p.
at 0.5m sec



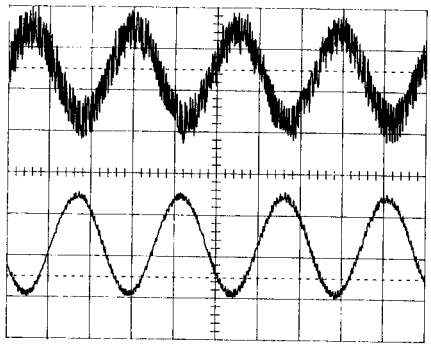
IC4201 pin 28
22mV p.p.
at 5m sec

IC4201 pin 29
0.56v p.p.
at 10m sec



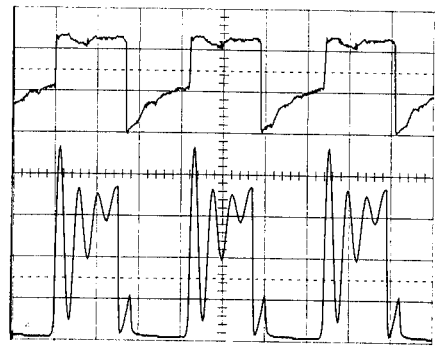
IC4450 pins 1/5
0v32 p.p.
at 1m sec

IC4450 pins 8/10
1v3 p.p.
at 1m sec

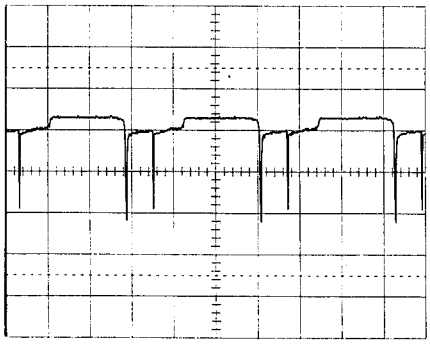


Q701 base
1v2 p.p.
at 20µ sec

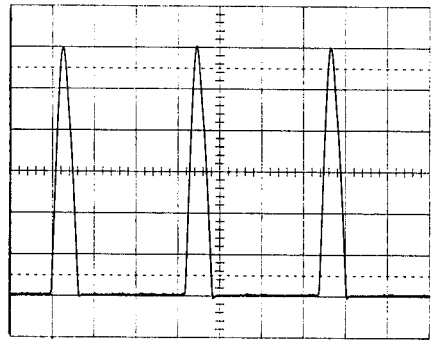
Q701 collector
92v p.p.
at 20µ sec



Q702 base
12v p.p.
at 20µ sec

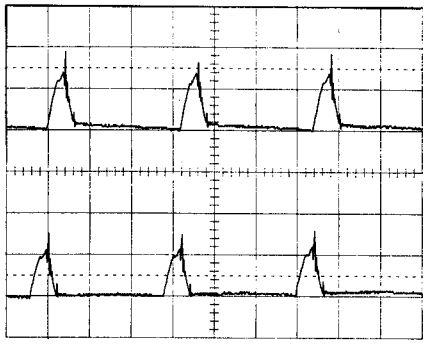


Q702 collector
1.2kv p.p.
at 20µ sec



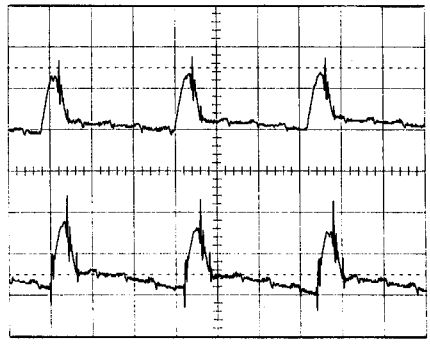
Q751 base
0v9 p.p.
at 20µ sec

Q751 collector
0v8 p.p.
at 20µ sec

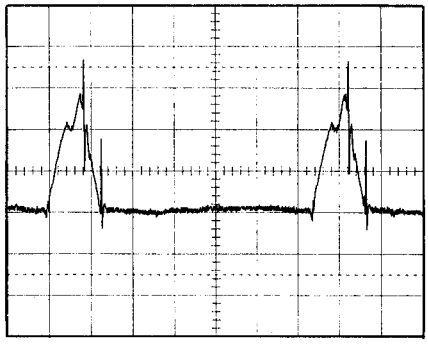


Q752 base
0v4 p.p.
at 20µ sec

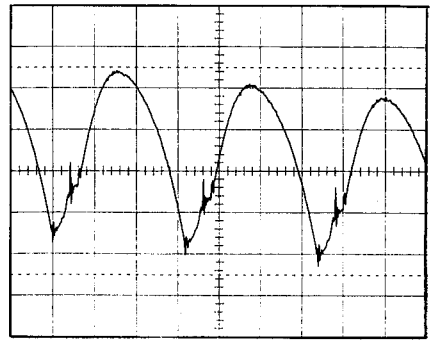
Q752 collector
0v52 p.p.
at 20µ sec



Q753 emitter
0v4 p.p.
at 10µ sec



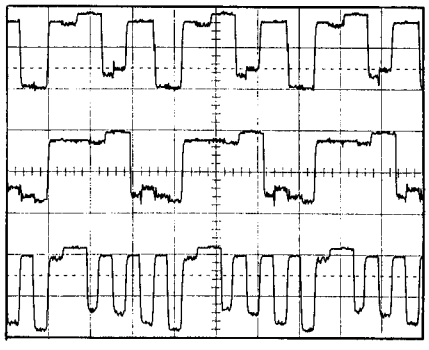
Q754 collector
2v3 p.p.
at 20µ sec



Q801 collector
90v p.p.
at 20µ sec

Q802 collector
90v p.p.
at 20µ sec

Q803 collector
100v p.p.
at 20µ sec



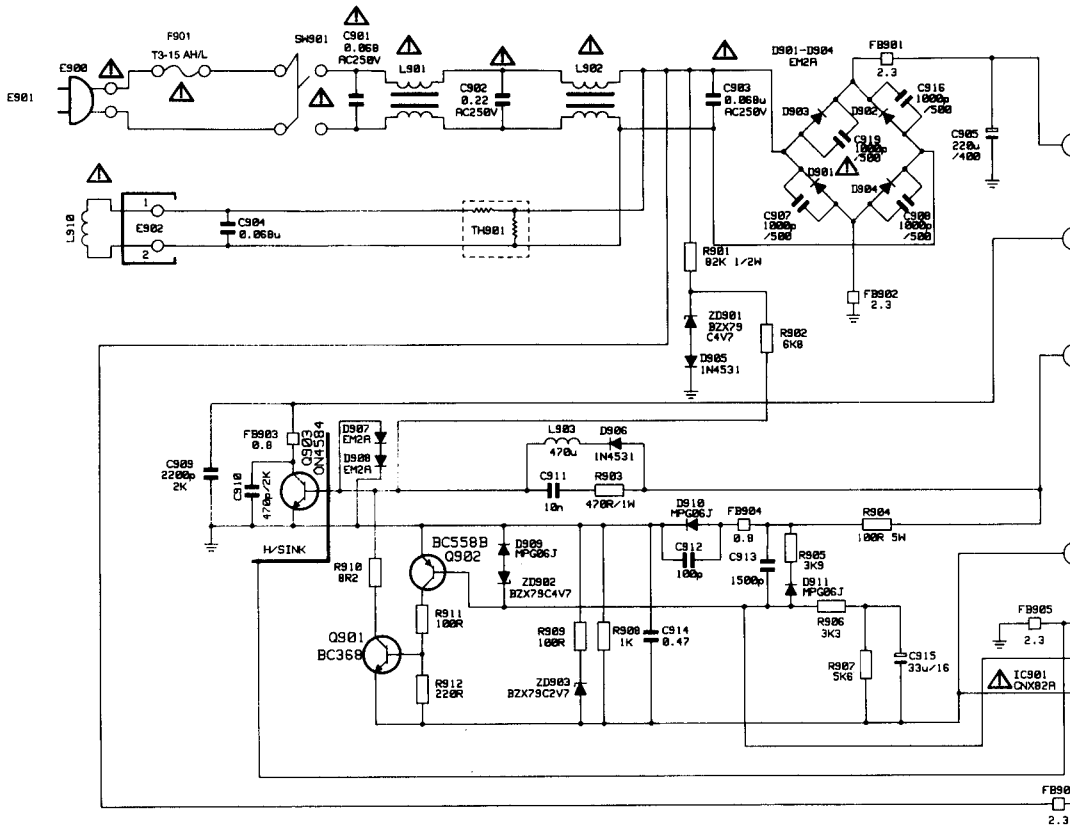
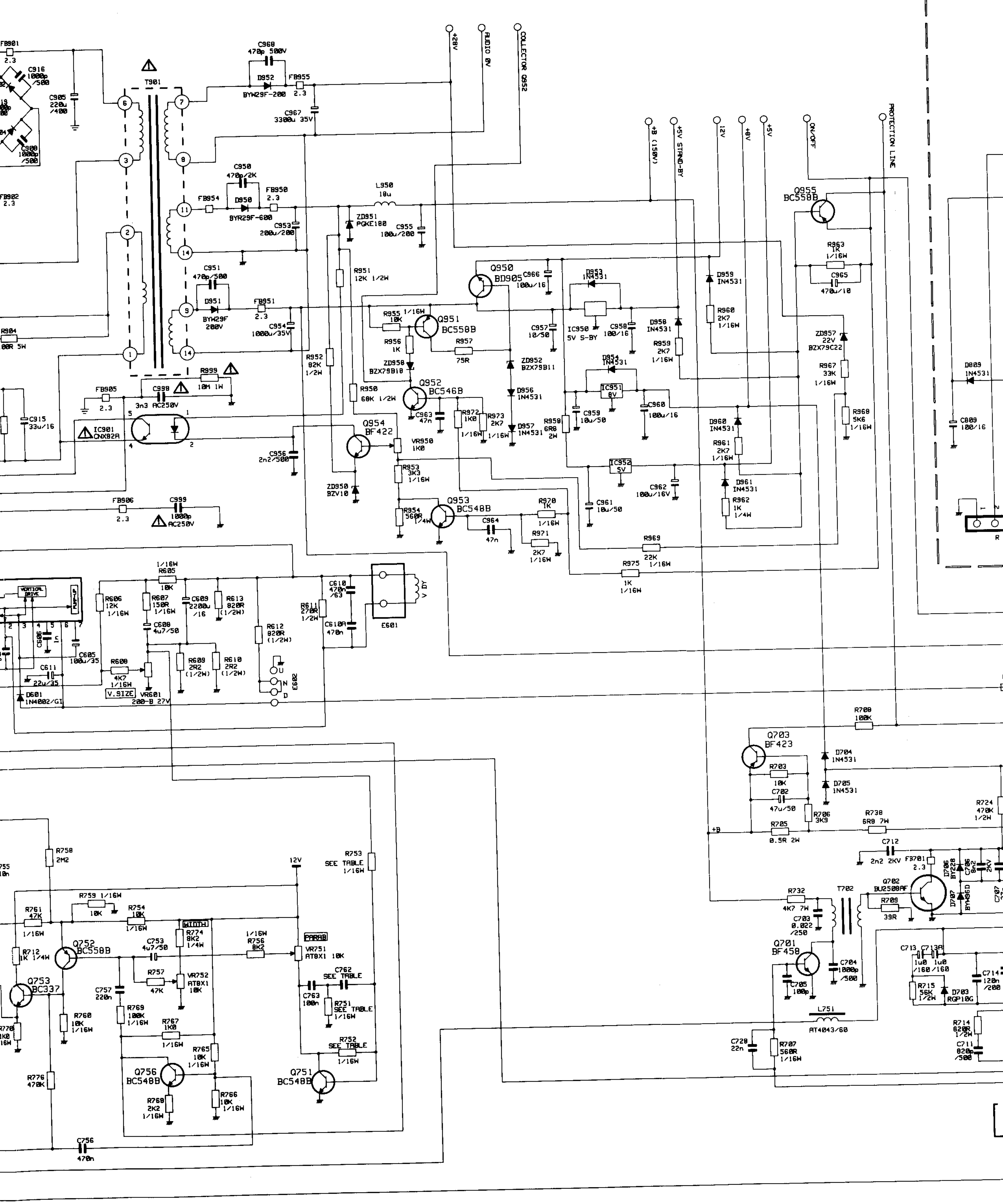


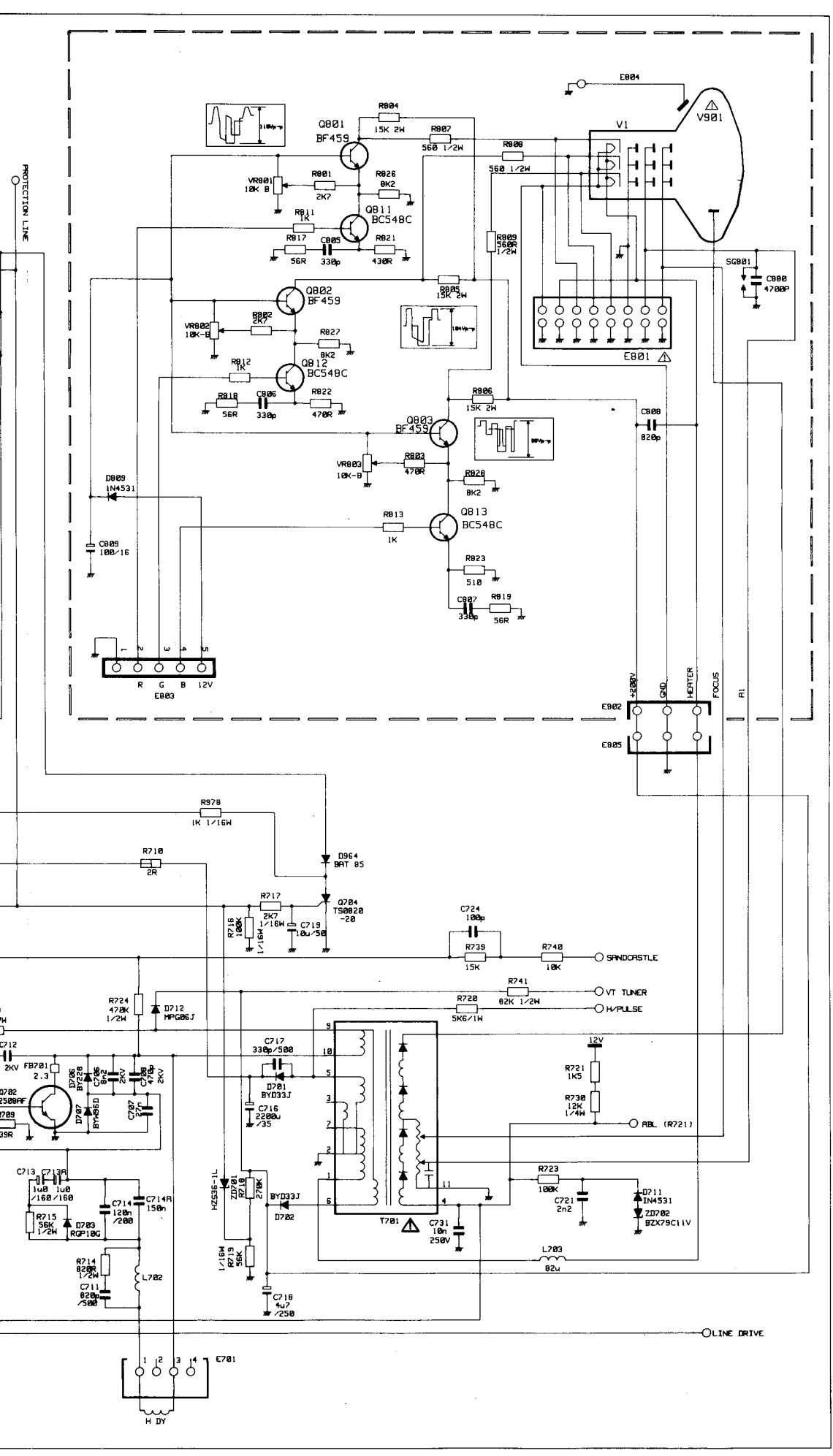
	TABLE	
COMPONENT	25″VALUE	28″VALUE
R751	27K	39K
R752	180K	220K

NOTE

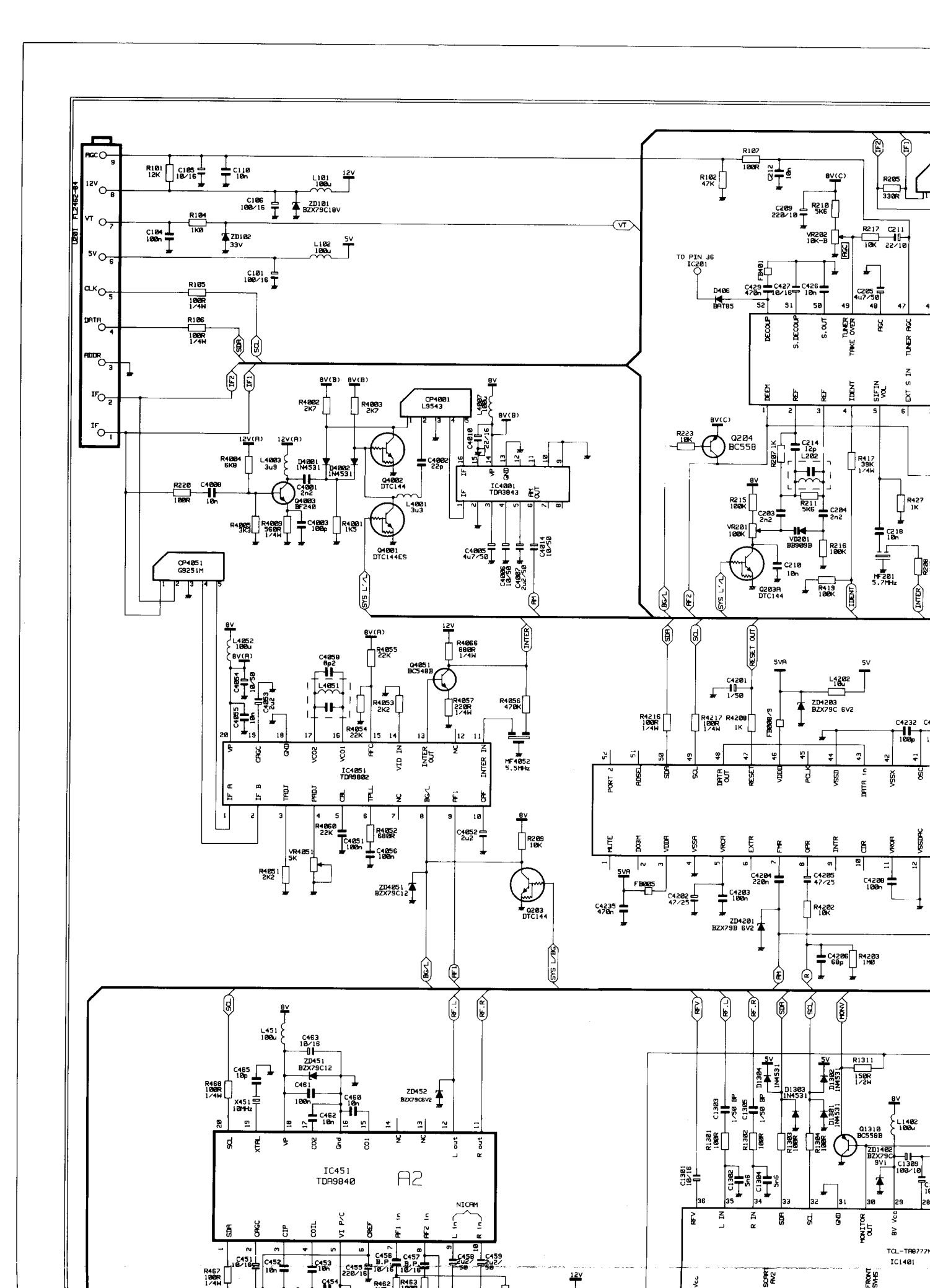
UNLESS STATED OTHERWISE:-
ALL RESISTOR VALUES ARE OHMS
RESISTOR ARE RATED AT 1/4W
ALL CAPICITOR VALUES ARE FARAD
ALL INDUCTORS ARE IN HENRY

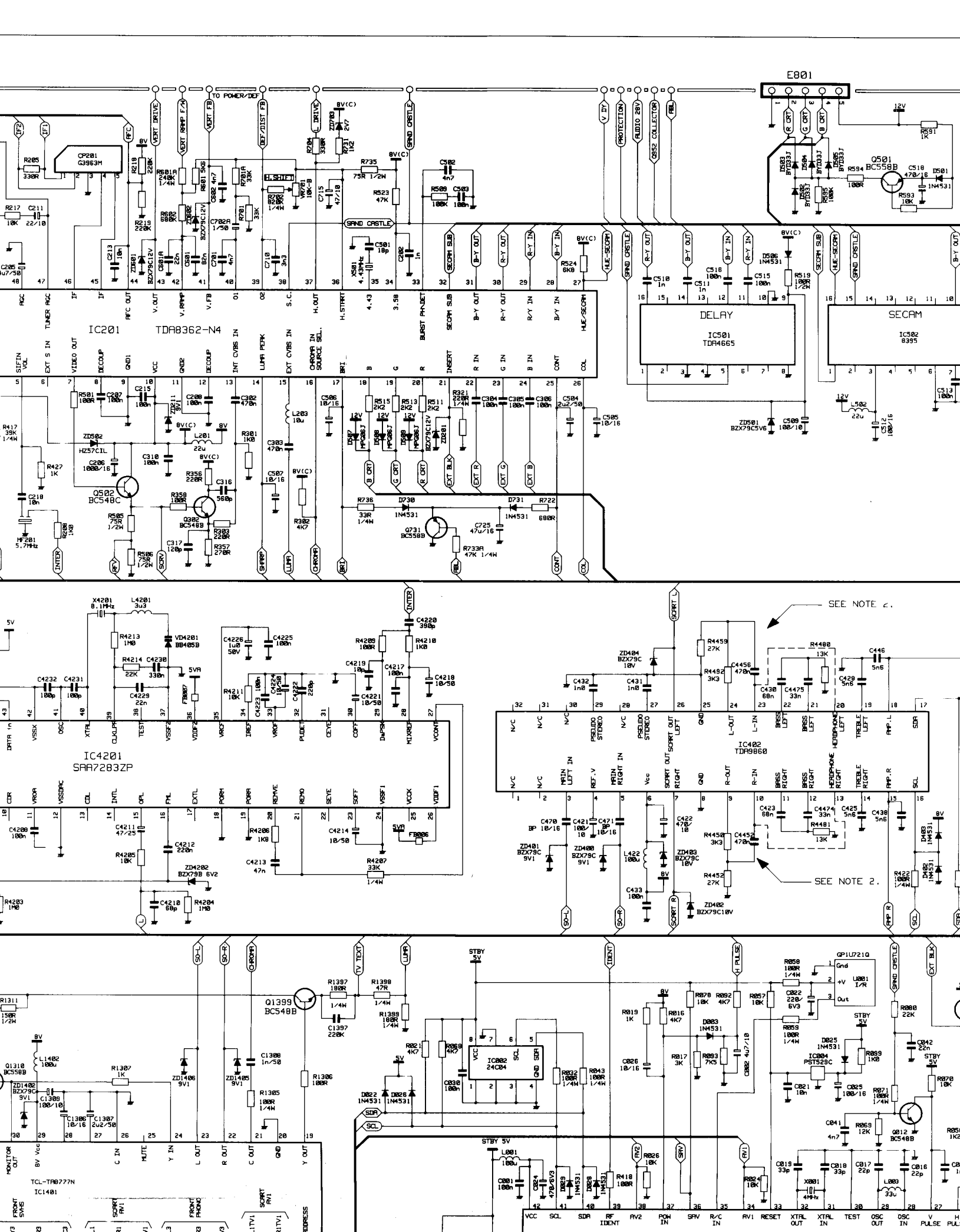

T901
+28V
AUDIO 0V
COLLECTOR Q952
+B (150V)
+5V STAND-BY
12V
+8V
+5V
ON/OFF
PROTECTION LINE
IC901 CNX82A
IC950 5V S-BY
IC951 8V
IC952 5V
Q950 BD905
Q951 BC558B
Q952 BC546B
Q953 BC548B
Q954 BF422
Q955 BC558B
VERTICAL DRIVE
V.SIZE
V DY
E601
E602
WIDTH
PARAB
Q703 BF423
Q702 BU2508AF
Q701 BF458
T702
L751 AT4043/60
Q752 BC558B
Q753 BC337
Q756 BC548B
Q751 BC548B

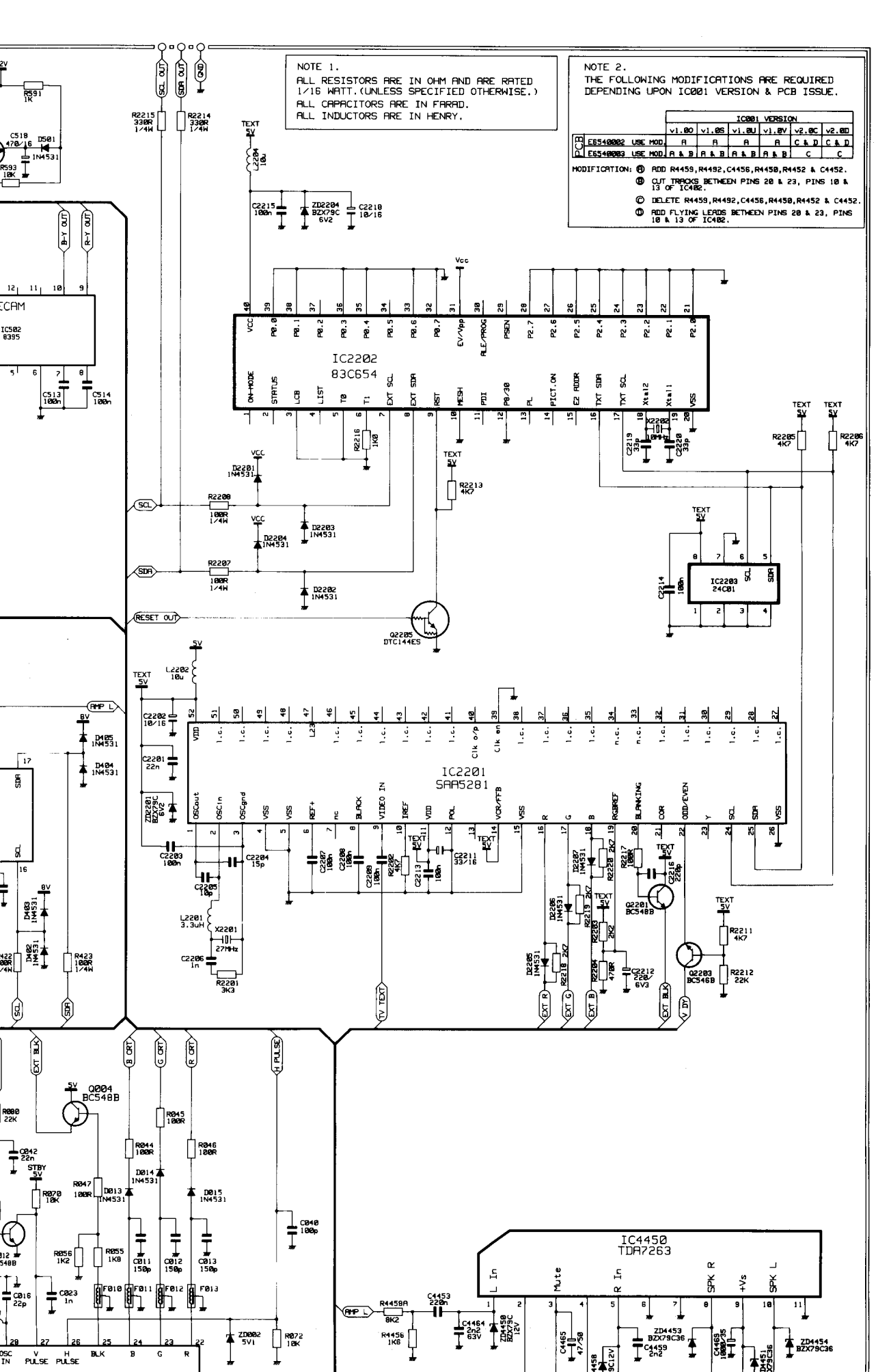
CIRCUIT D'ALIMENTATION ÉLECTRIQUE ET DE DÉVIATION (CL25/2846TAN, CL2841/TAN/RAN)

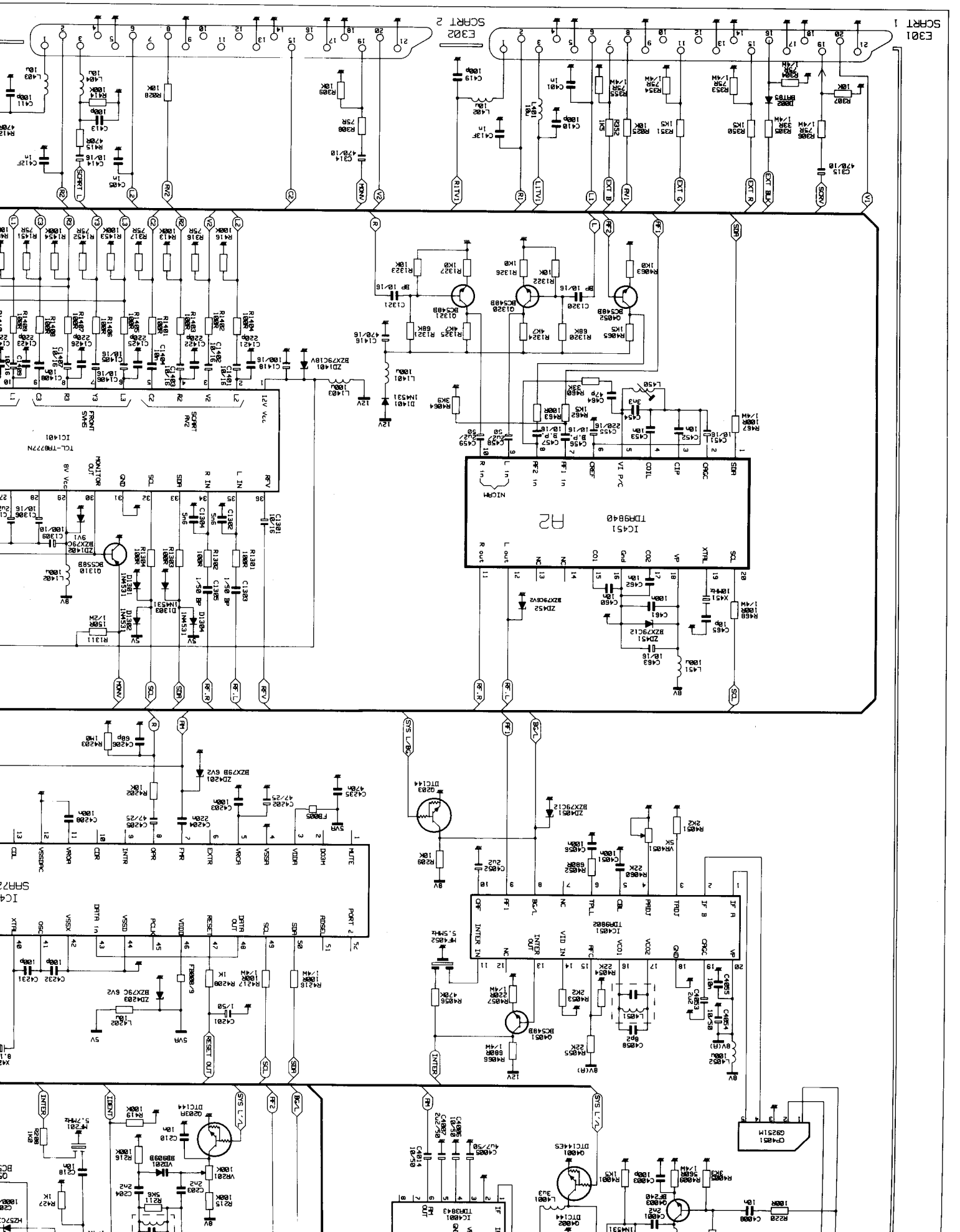

E804
V901
V1
Q801
BF459
R804
15K 2W
R807
560 1/2W
R800
560 1/2W
VR801
10K B
R801
2K7
R826
8K2
Q811
BC548C
R811
1K
R817
56R
C805
330p
R821
430R
R809
560R
1/2W
SG801
C800
4700P
E801
Q802
BF459
R802
2K7
VR802
10K-B
R827
8K2
Q812
BC548C
R812
1K
R818
56R
C806
330p
R822
470R
R805
15K 2W
R806
15K 2W
Q803
BF459
VR803
10K-B
R803
470R
R828
8K2
Q813
BC548C
R813
1K
R823
510
C807
330p
R819
56R
C808
820p
D809
1N4531
C809
100/16
E803
R G B 12V
E802
E805
+200V
GND
HEATER
FOCUS
A1
R978
1K 1/16W
R710
2R
D964
BAT 85
R717
2K7
1/16W
R716
100K
1/16W
C719
10u/50
Q704
TS0020
-20
C724
100p
R739
15K
R740
10K
SANDCASTLE
R741
82K 1/2W
VT TUNER
R720
5K6/1W
H/PULSE
R724
470K
1/2W
D712
MPG06J
C712
2KV
FB701
2,3
D706
BY228
C706
6n2
2KV
C708
470p
2KV
D707
BYM36D
C707
22n
C717
330p/500
D701
BYD33J
C716
2200u
/35
T701
12V
R721
1K5
R730
12K
1/4W
RBL (R721)
C713
C713A
1u0
/160/160
C714
120n
/200
C714A
150n
R715
56K
1/2W
D703
RGP10G
R714
8200
1/2W
C711
820p
/500
L702
HZS36-1L
ZD701
R718
270K
BYD33J
D702
1/16W
R719
56K
C718
4u7
/250
R723
100K
C721
2n2
D711
IN4531
ZD702
BZX79C11V
C731
10n
250V
L703
82u
LINE DRIVE
E701
1 2 3 4
H DY
PROTECTION LINE

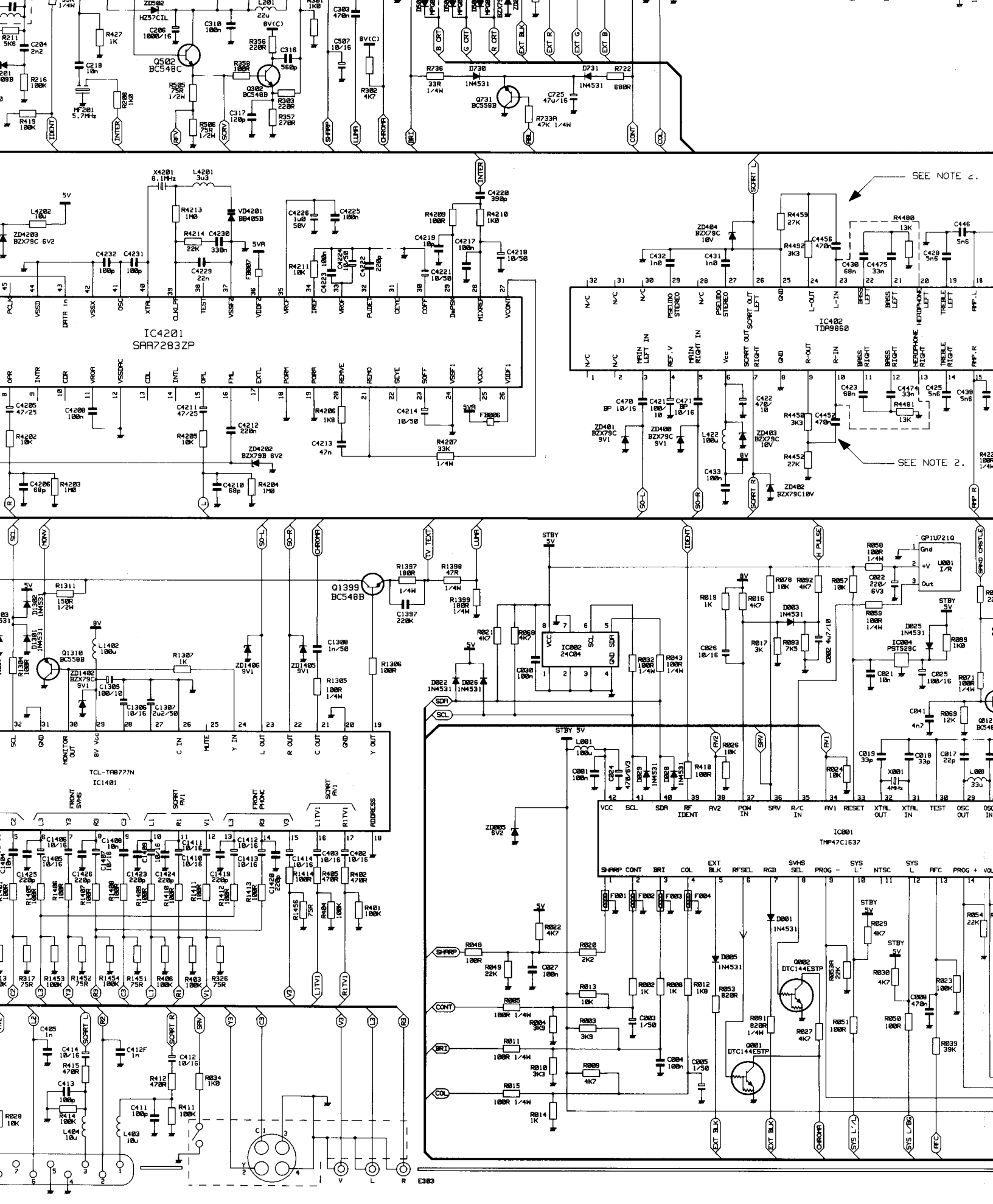
/RAN)


TCL-TA8777N
IC1401
IC451
TDA9840
A2
IC4001
TDA9843
IC4051
TDA9802
CP4001
L9543
CP4051
G9251M
Q4001
DTC144ES
Q4002
DTC144
Q4003
BF240
Q0203
DTC144
Q0204
BC558
Q1310
BC558B
Q4051
BC548B
Q4201
BAT85
D406
ZD101
BZX79C10V
ZD102
33V
ZD451
BZX79C12
ZD452
BZX79C6V2
ZD4051
BZX79C12
ZD4201
BZX79B 6V2
ZD4203
BZX79C 6V2
ZD1402
BZX79C
9V1
VD201
BB909B
D1301
1N4531
D1302
1N4531
D1303
1N4531
D1304
1N4531
D4001
1N4531
D4002
1N4531
X451
10MHz
MF201
5.7MHz
MF4052
5.5MHz
VR201
100K
VR4051
5K
VR202
10K-B
L101
100u
L102
100u
L451
100u
L4001
3u3
L4003
3u9
L4051
L4052
100u
L4201
10u
L4202
10u
L1402
100u
L202
R101
12K
R102
47K
R104
1K0
R105
100R
1/4W
R106
100R
1/4W
R107
100R
R205
330R
R210
5K6
R211
5K6
R215
100K
R216
100K
R217
10K
R220
100R
R223
10K
R301
100R
R302
100R
R303
100R
R304
100R
R417
39K
1/4W
R419
100K
R427
1K
R468
100R
1/4W
R1311
150R
1/2W
R4001
1K5
R4002
2K7
R4003
2K7
R4004
6K8
R4051
2K2
R4052
680R
R4053
2K2
R4054
22K
R4055
22K
R4056
470K
R4057
220R
1/4W
R4066
680R
1/4W
R4200
1K
R4202
10K
R4203
1M0
R4216
100R
1/4W
R4217
100R
1/4W
R4232
C101
100/16
C104
100n
C105
10/16
C106
100/16
C110
10n
C111
100/16
C112
10
C205
4u7/50
C209
220/10
C211
22/10
C212
10
C214
12p
C218
10n
C426
10n
C427
10/16
C428
470n
C4000
10n
C4001
2n2
C4002
22p
C4003
100p
C4004
3n3
C4005
4u7/50
C4006
10/50
C4007
2u2/50
C4010
22/16
C4014
10/50
C4050
8p2
C4051
100n
C4052
2u2
C4053
2u2
C4054
10/50
C4055
10n
C4056
100n
C4201
1/50
C4202
47/25
C4203
100n
C4204
220n
C4205
47/25
C4206
68p
C4232
100p
C4235
470n
C451
10/16
C452
10n
C453
10n
C454
C455
220/16
C456
B.P.
10/16
C457
B.P.
10/16
C458
2u2/50
C459
2u2/50
C460
10n
C461
100n
C462
10n
C463
10/16
C465
10p
C1301
10/16
C1302
5n6
C1303
1/50 BP
C1304
5n6
C1305
1/50 BP
C1309
100/10
C1310
FB401
FB005
FB006/9
RESET OUT
TO PIN 36
IC201
IF2
IF1
VT
AGC
CLK
DATA
ADDR
SDA
SCL
INTER
SYS L/L'
BG/L
AF1
AF2
AM
FM
SYS L/BG
NICAM
MONITOR OUT
FRONT SW6
SCART AV2

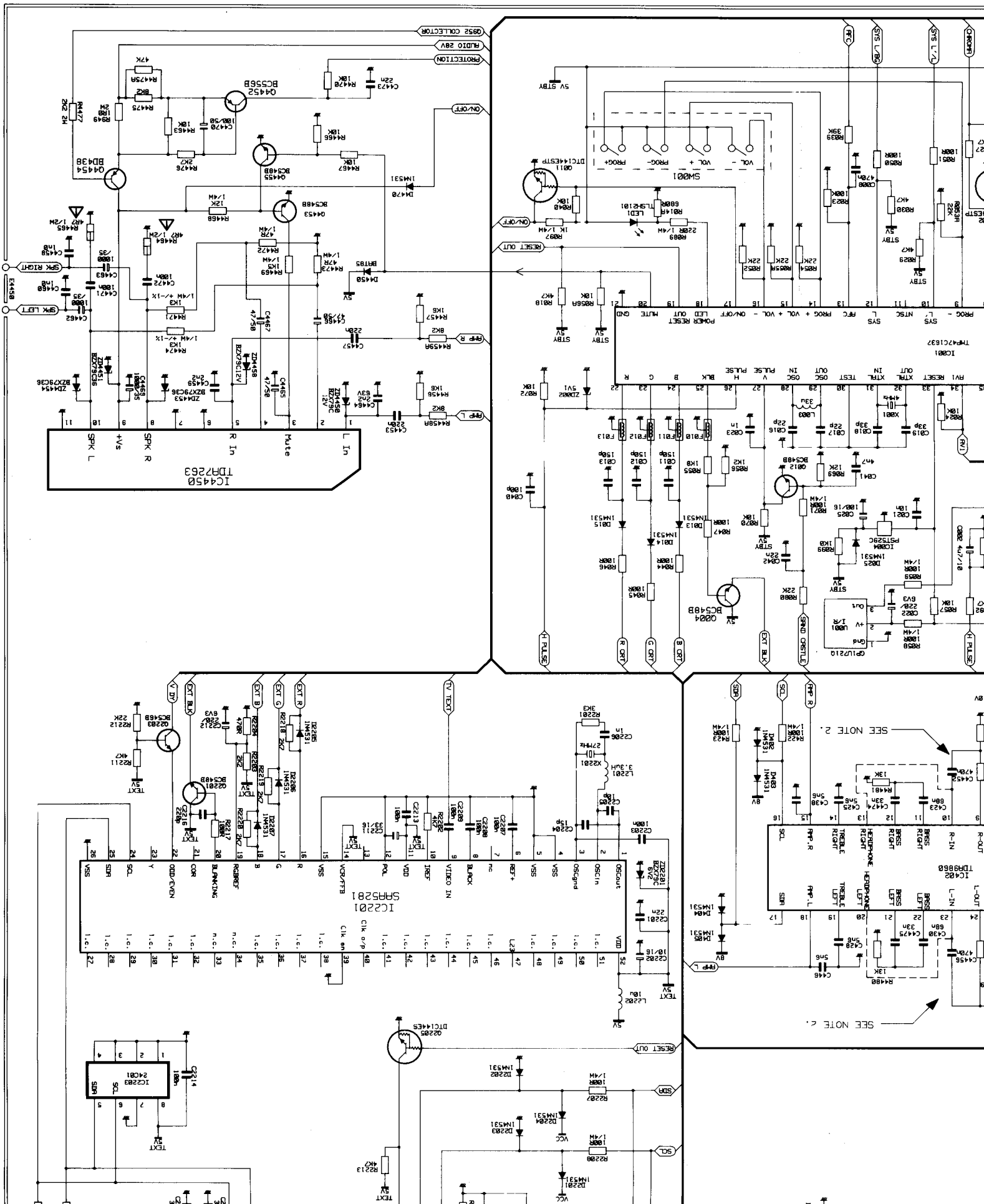

E801
IC201 TDA8362-N4
IC501 TDA4665
DELAY
SECAM
IC502 8395
IC4201 SAA7283ZP
IC402 TDA9860
Q501 BC558B
Q502 BC548C
Q731 BC558B
Q1399 BC548B
Q1310 BC558B
Q812 BC548B
IC1401 TCL-TPA777N
IC002 24C04
IC004 PST529C
SEE NOTE 2.
SEE NOTE 2.
TO POWER/DEF
H.SHIFT
SAND CASTLE
SCART L
SCART R
SDA
SCL
STBY 5V

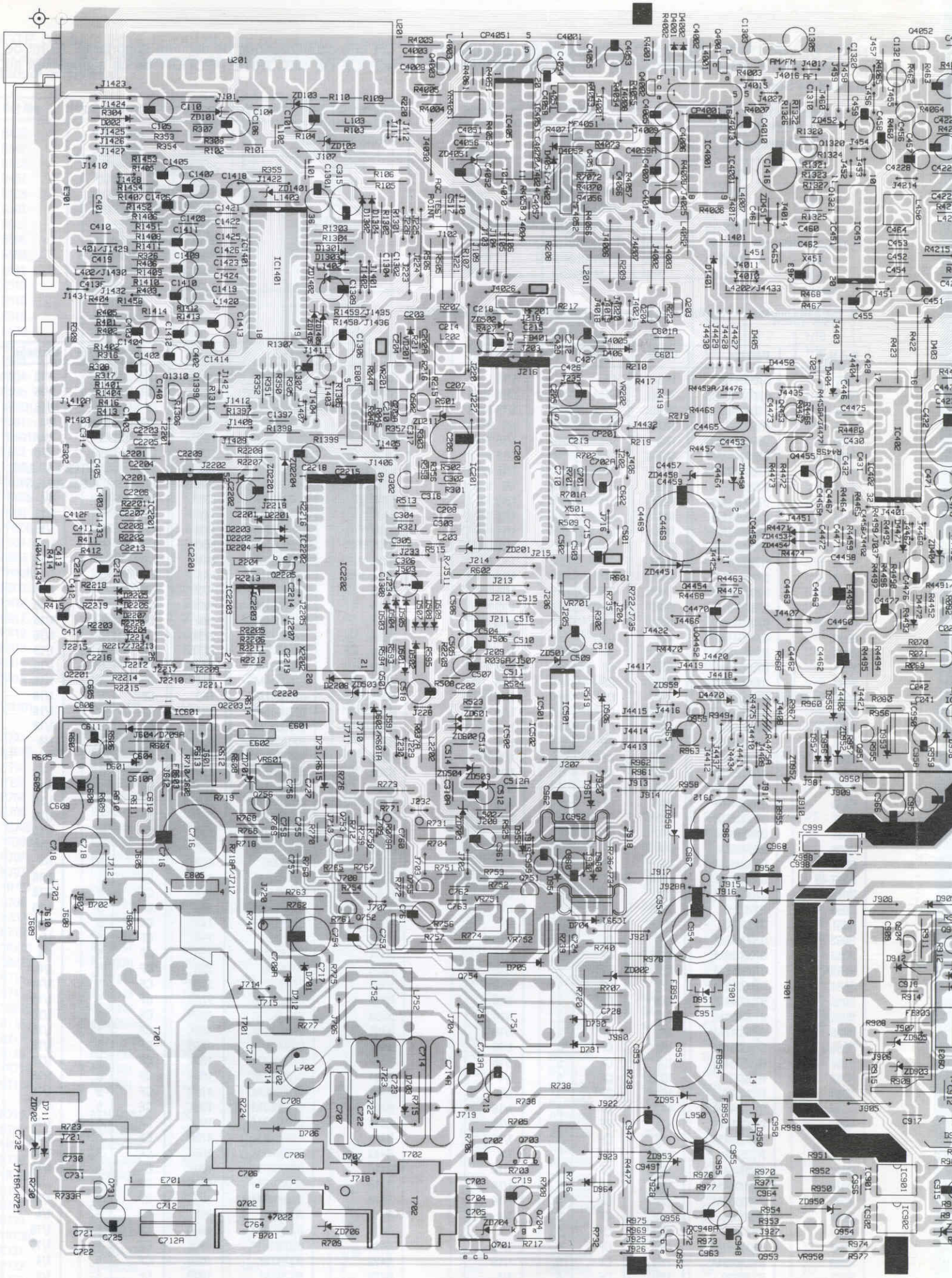

NOTE 1.
ALL RESISTORS ARE IN OHM AND ARE RATED 1/16 WATT.(UNLESS SPECIFIED OTHERWISE.)
ALL CAPACITORS ARE IN FARAD.
ALL INDUCTORS ARE IN HENRY.
NOTE 2.
THE FOLLOWING MODIFICATIONS ARE REQUIRED DEPENDING UPON IC001 VERSION & PCB ISSUE.
IC001 VERSION
v1.00 v1.0S v1.0U v1.0V v2.0C v2.0D
PCB E6540002 USE MOD. A A A A C & D C & D
E6540003 USE MOD. A & B A & B A & B A & B C C
MODIFICATION: A ADD R4459,R4492,C4456,R4450,R4452 & C4452.
B CUT TRACKS BETWEEN PINS 20 & 23, PINS 10 & 13 OF IC402.
C DELETE R4459,R4492,C4456,R4450,R4452 & C4452.
D ADD FLYING LEADS BETWEEN PINS 20 & 23, PINS 10 & 13 OF IC402.
IC2202
83C654
IC2201
SAA5281
IC2203
24C01
IC4450
TDA7263
SCL OUT
SDA OUT
GND
R-Y OUT
B-Y OUT
RESET OUT
EXT BLK
R CRT
G CRT
B CRT
H PULSE
V PULSE
H PULSE
BLK
TV TEXT
EXT R
EXT G
EXT B
EXT BLK
V DY
L In
Mute
R In
SPK R
+Vs
SPK L


E301
SCART 1
E302
SCART 2
TDA9840
IC451
TDA9850
IC4051
TDA9802
TCL-TH8777N
IC1401
FRONT SVHS
SCART AV2
12V Vcc
MONITOR OUT
GND
SCL
SDA
R IN
L IN
AFV
NICAM
R out
L out
XTAL
VP
CRGC
CRGB
CRBC
CVBS
VSSA
VRDA
VDDA
DOHM
MUTE
PORT 2
RESET
RESET OUT
INTER
SYS L/A
SYS L/V
AF
BG/L
FM
TUNER
IDENT
RF1
RF2
AV1
AV2
AV3
AV4
AV5
AV6
AV7
AV8
AV9
AV10
AV11
AV12
AV13
AV14
AV15
AV16
AV17
AV18
AV19
AV20
AV21
AV22
AV23
AV24
AV25
AV26
AV27
AV28
AV29
AV30
AV31
AV32
AV33
AV34
AV35
AV36
AV37
AV38
AV39
AV40
AV41
AV42
AV43
AV44
AV45
AV46
AV47
AV48
AV49
AV50
AV51
AV52
AV53
AV54
AV55
AV56
AV57
AV58
AV59
AV60
AV61
AV62
AV63
AV64
AV65
AV66
AV67
AV68
AV69
AV70
AV71
AV72
AV73
AV74
AV75
AV76
AV77
AV78
AV79
AV80
AV81
AV82
AV83
AV84
AV85
AV86
AV87
AV88
AV89
AV90
AV91
AV92
AV93
AV94
AV95
AV96
AV97
AV98
AV99
AV100
AV101
AV102
AV103
AV104
AV105
AV106
AV107
AV108
AV109
AV110
AV111
AV112
AV113
AV114
AV115
AV116
AV117
AV118
AV119
AV120
AV121
AV122
AV123
AV124
AV125
AV126
AV127
AV128
AV129
AV130
AV131
AV132
AV133
AV134
AV135
AV136
AV137
AV138
AV139
AV140
AV141
AV142
AV143
AV144
AV145
AV146
AV147
AV148
AV149
AV150
AV151
AV152
AV153
AV154
AV155
AV156
AV157
AV158
AV159
AV160
AV161
AV162
AV163
AV164
AV165
AV166
AV167
AV168
AV169
AV170
AV171
AV172
AV173
AV174
AV175
AV176
AV177
AV178
AV179
AV180
AV181
AV182
AV183
AV184
AV185
AV186
AV187
AV188
AV189
AV190
AV191
AV192
AV193
AV194
AV195
AV196
AV197
AV198
AV199
AV200
AV201
AV202
AV203
AV204
AV205
AV206
AV207
AV208
AV209
AV210
AV211
AV212
AV213
AV214
AV215
AV216
AV217
AV218
AV219
AV220
AV221
AV222
AV223
AV224
AV225
AV226
AV227
AV228
AV229
AV230
AV231
AV232
AV233
AV234
AV235
AV236
AV237
AV238
AV239
AV240
AV241
AV242
AV243
AV244
AV245
AV246
AV247
AV248
AV249
AV250
AV251
AV252
AV253
AV254
AV255
AV256
AV257
AV258
AV259
AV260
AV261
AV262
AV263
AV264
AV265
AV266
AV267
AV268
AV269
AV270
AV271
AV272
AV273
AV274
AV275
AV276
AV277
AV278
AV279
AV280
AV281
AV282
AV283
AV284
AV285
AV286
AV287
AV288
AV289
AV290
AV291
AV292
AV293
AV294
AV295
AV296
AV297
AV298
AV299
AV300
AV301
AV302
AV303
AV304
AV305
AV306
AV307
AV308
AV309
AV310
AV311
AV312
AV313
AV314
AV315
AV316
AV317
AV318
AV319
AV320
AV321
AV322
AV323
AV324
AV325
AV326
AV327
AV328
AV329
AV330
AV331
AV332
AV333
AV334
AV335
AV336
AV337
AV338
AV339
AV340
AV341
AV342
AV343
AV344
AV345
AV346
AV347
AV348
AV349
AV350
AV351
AV352
AV353
AV354
AV355
AV356
AV357
AV358
AV359
AV360
AV361
AV362
AV363
AV364
AV365
AV366
AV367
AV368
AV369
AV370
AV371
AV372
AV373
AV374
AV375
AV376
AV377
AV378
AV379
AV380
AV381
AV382
AV383
AV384
AV385
AV386
AV387
AV388
AV389
AV390
AV391
AV392
AV393
AV394
AV395
AV396
AV397
AV398
AV399
AV400
AV401
AV402
AV403
AV404
AV405
AV406
AV407
AV408
AV409
AV410
AV411
AV412
AV413
AV414
AV415
AV416
AV417
AV418
AV419
AV420
AV421
AV422
AV423
AV424
AV425
AV426
AV427
AV428
AV429
AV430
AV431
AV432
AV433
AV434
AV435
AV436
AV437
AV438
AV439
AV440
AV441
AV442
AV443
AV444
AV445
AV446
AV447
AV448
AV449
AV450
AV451
AV452
AV453
AV454
AV455
AV456
AV457
AV458
AV459
AV460
AV461
AV462
AV463
AV464
AV465
AV466
AV467
AV468
AV469
AV470
AV471
AV472
AV473
AV474
AV475
AV476
AV477
AV478
AV479
AV480
AV481
AV482
AV483
AV484
AV485
AV486
AV487
AV488
AV489
AV490
AV491
AV492
AV493
AV494
AV495
AV496
AV497
AV498
AV499
AV500
AV501
AV502
AV503
AV504
AV505
AV506
AV507
AV508
AV509
AV510
AV511
AV512
AV513
AV514
AV515
AV516
AV517
AV518
AV519
AV520
AV521
AV522
AV523
AV524
AV525
AV526
AV527
AV528
AV529
AV530
AV531
AV532
AV533
AV534
AV535
AV536
AV537
AV538
AV539
AV540
AV541
AV542
AV543
AV544
AV545
AV546
AV547
AV548
AV549
AV550
AV551
AV552
AV553
AV554
AV555
AV556
AV557
AV558
AV559
AV560
AV561
AV562
AV563
AV564
AV565
AV566
AV567
AV568
AV569
AV570
AV571
AV572
AV573
AV574
AV575
AV576
AV577
AV578
AV579
AV580
AV581
AV582
AV583
AV584
AV585
AV586
AV587
AV588
AV589
AV590
AV591
AV592
AV593
AV594
AV595
AV596
AV597
AV598
AV599
AV600
AV601
AV602
AV603
AV604
AV605
AV606
AV607
AV608
AV609
AV610
AV611
AV612
AV613
AV614
AV615
AV616
AV617
AV618
AV619
AV620
AV621
AV622
AV623
AV624
AV625
AV626
AV627
AV628
AV629
AV630
AV631
AV632
AV633
AV634
AV635
AV636
AV637
AV638
AV639
AV640
AV641
AV642
AV643
AV644
AV645
AV646
AV647
AV648
AV649
AV650
AV651
AV652
AV653
AV654
AV655
AV656
AV657
AV658
AV659
AV660
AV661
AV662
AV663
AV664
AV665
AV666
AV667
AV668
AV669
AV670
AV671
AV672
AV673
AV674
AV675
AV676
AV677
AV678
AV679
AV680
AV681
AV682
AV683
AV684
AV685
AV686
AV687
AV688
AV689
AV690
AV691
AV692
AV693
AV694
AV695
AV696
AV697
AV698
AV699
AV700
AV701
AV702
AV703
AV704
AV705
AV706
AV707
AV708
AV709
AV710
AV711
AV712
AV713
AV714
AV715
AV716
AV717
AV718
AV719
AV720
AV721
AV722
AV723
AV724
AV725
AV726
AV727
AV728
AV729
AV730
AV731
AV732
AV733
AV734
AV735
AV736
AV737
AV738
AV739
AV740
AV741
AV742
AV743
AV744
AV745
AV746
AV747
AV748
AV749
AV750
AV751
AV752
AV753
AV754
AV755
AV756
AV757
AV758
AV759
AV760
AV761
AV762
AV763
AV764
AV765
AV766
AV767
AV768
AV769
AV770
AV771
AV772
AV773
AV774
AV775
AV776
AV777
AV778
AV779
AV780
AV781
AV782
AV783
AV784
AV785
AV786
AV787
AV788
AV789
AV790
AV791
AV792
AV793
AV794
AV795
AV796
AV797
AV798
AV799
AV800
AV801
AV802
AV803
AV804
AV805
AV806
AV807
AV808
AV809
AV810
AV811
AV812
AV813
AV814
AV815
AV816
AV817
AV818
AV819
AV820
AV821
AV822
AV823
AV824
AV825
AV826
AV827
AV828
AV829
AV830
AV831
AV832
AV833
AV834
AV835
AV836
AV837
AV838
AV839
AV840
AV841
AV842
AV843
AV844
AV845
AV846
AV847
AV848
AV849
AV850
AV851
AV852
AV853
AV854
AV855
AV856
AV857
AV858
AV859
AV860
AV861
AV862
AV863
AV864
AV865
AV866
AV867
AV868
AV869
AV870
AV871
AV872
AV873
AV874
AV875
AV876
AV877
AV878
AV879
AV880
AV881
AV882
AV883
AV884
AV885
AV886
AV887
AV888
AV889
AV890
AV891
AV892
AV893
AV894
AV895
AV896
AV897
AV898
AV899
AV900
AV901
AV902
AV903
AV904
AV905
AV906
AV907
AV908
AV909
AV910
AV911
AV912
AV913
AV914
AV915
AV916
AV917
AV918
AV919
AV920
AV921
AV922
AV923
AV924
AV925
AV926
AV927
AV928
AV929
AV930
AV931
AV932
AV933
AV934
AV935
AV936
AV937
AV938
AV939
AV940
AV941
AV942
AV943
AV944
AV945
AV946
AV947
AV948
AV949
AV950
AV951
AV952
AV953
AV954
AV955
AV956
AV957
AV958
AV959
AV960
AV961
AV962
AV963
AV964
AV965
AV966
AV967
AV968
AV969
AV970
AV971
AV972
AV973
AV974
AV975
AV976
AV977
AV978
AV979
AV980
AV981
AV982
AV983
AV984
AV985
AV986
AV987
AV988
AV989
AV990
AV991
AV992
AV993
AV994
AV995
AV996
AV997
AV998
AV999
AV1000

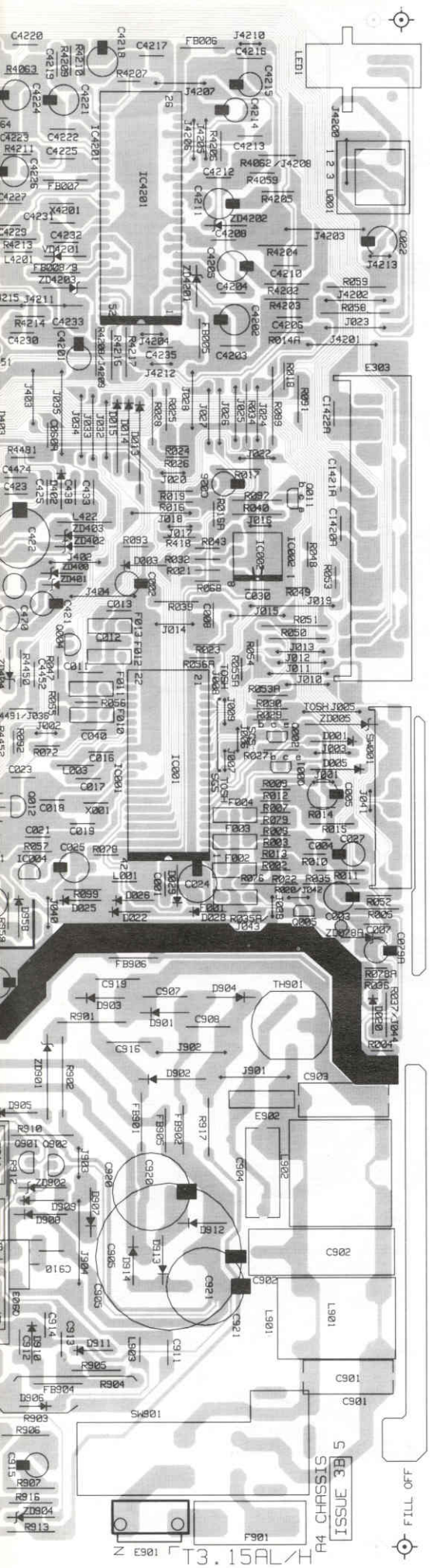


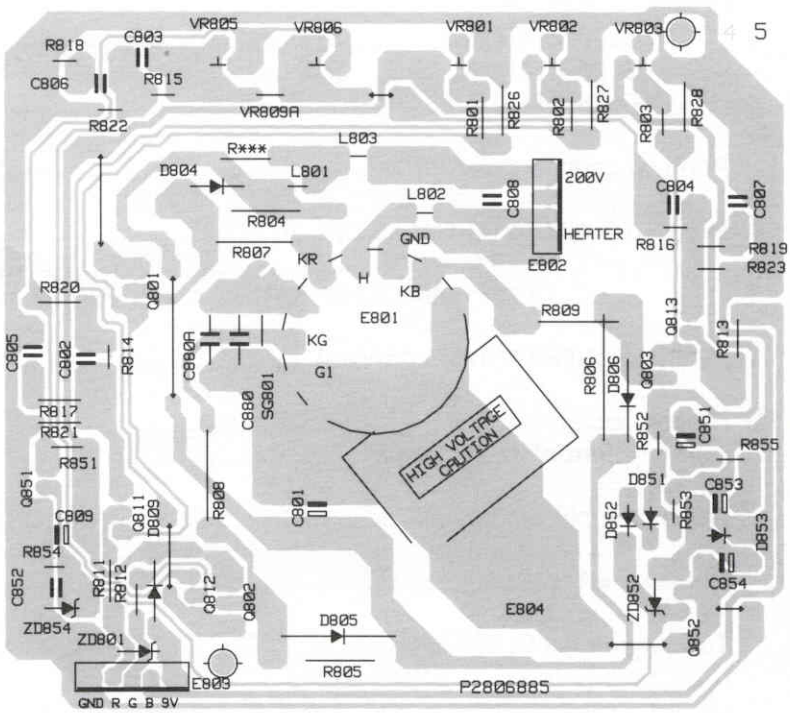
CIRCUIT DES SIGNAUX ET DES COMMANDES (CL21/25/2846TAN)


IC4450
TDA7263
SPK L
+Vs
SPK R
R In
Mute
L In
IC2201
SAA5281
SEE NOTE 2.
SEE NOTE 2.
SW001
IC4002
TDA9860
IC1001
TMP47C1637
GP1UP210
BC548B
BC556B
BC558B
BD438
BD454
BAT85
DTC144ES
DTC144ETP
TV TEXT
EXT BLK
EXT B
EXT G
EXT R
RESET OUT
ON/OFF
AUDIO 28V
PROTECTION
0952 COLLECTOR
SPK RIGHT
SPK LEFT
H PULSE
R ORT
G ORT
B ORT
EXT BLK
GRND OSCILL
SDA
SCL
AMP R
AMP L
AFC
SYS L'/L
SYS L/R
CHROMA
5V STBY
TEXT



CARTE PRINCIPALE À CIRCUITS IMPRIMÉS
(CÔTÉ COMPOSANT)





CARTE À CIRCUITS IMPRIMÉS DE LA BASE DU TUBE CATHODIQUE (CÔTÉ SOUDURES)

PIECES DE PRESENTATION

⚠	Tube cathodique type A51EAL55X10 CL2146TAN	T154010
⚠	Tube cathodique type A59EAK71X01 CL2546TAN	2471301
⚠	Tube cathodique type A66EAK71X01 CL2846TAN	T166017
⚠	Tube cathodique type A66EAK71X01 CL2841TAN/CL2841RAN	T166017
⚠	Fond arrière CL2146TAN	X263185
	CL2546TAN	X240335
	CL2846TAN	X263346
	CL2841RAN	X263346
	Coffret CL2146TAN	A781391
	CL2546TAN	A781301
	CL2846TAN	A781211
	CL2841TAN/CL2841RAN	A781214
	Porte de commande	X263331
	Sigle HITACHI CL2146TAN	X640251
	CL25/2846TAN	X640261
	CL2841TAN/CL2841RAN	X640261
	LENTILLE INFRAROUGE (Armoire)	X425071
⚠	Cordon secteur	E846662
	Bouton interrupteur secteur	X321101
	Mode d'emploi	X831146
	Guide rapide	X831152
	Télécommande CLE902B	X100042

PIECES DIVERSES

⚠	Prise femelle du tube cathodique	2698351
⚠	Bobine de démagnétisation CL2146TAN	L130036
	CL2546TAN	2274361
	CL2846TAN	2274362
	CL2841TAN/CL2841RAN	2274362
⚠	Fusible de type T3.15AL	E882368
	Porte-fusible	2721792
	* Prises phono/bloc de prises S-VHS	2673821
⚠	Interrupteur MARCHE/ARRET	2633391
	Prise Péritel à 21 broches	E826923
	Enceintes haut-parleurs de 8 Ω 10 W	E511122
	Bloc de boutons tactiles (SW001)	E139408

*** Nous vous signalons que** ce composant ne s'applique pas aux modèles CL2841TAN et CL2841RAN.